



(Faiz Mohd)

Assistant Professor, Department of Mechanical Engineering Faculty of Engineering,
Integral University, Lucknow

(+91-9506590060, faiziec@gmail.com, faiz@iul.ac.in)

[Google Scholar Citation](#), [Orcid Id](#), [Research gate](#), |[linked in](#))

PROFILE

- **Mr Faiz Mohd** has more than 14 years of teaching experience.
- He has been serving as an Assistant Professor in the Department of Mechanical Engineering since July 2010.
- He is currently pursuing his PhD from Integral University, Lucknow.
- He holds an M. Tech in Fluid Engineering from Motilal Nehru National Institute of Technology Allahabad and a B. Tech in Mechanical Engineering from Uttar Pradesh Technical University, Lucknow.
- His research focuses on flow control around micro-air vehicle fluid dynamics within the field of Aerodynamics engineering.
- Mr. Rasheed emphasizes the use of computational fluid dynamics (CFD) code and simulation software to study the flow control around NACA Airfoil at low Reynolds number
- His work aims to develop innovative, sustainable, and efficient engineering solutions.
- He has authored over 4 articles published in peer-reviewed journals and conferences.

RESEARCH INTEREST:

- Study around airfoil at low Reynolds number
- Analysis of fluid flow around NACA 4-digit airfoil
- Design of trapezoidal irrigation channel
- Optimization of channel and simulation by ANN.

SUMMARY OF RESEARCH ACCOMPLISHMENT:

- Number of publications in Non-Sci/Scopus but Peer Reviewed:02
- Book Chapters:02
- Presentation in international conferences: 01

PROFESSIONAL MEMBERSHIP:

- Associate member of the Institution of Engineers (India)

COURSE TAUGHT:

- Fluid Mechanics
- Fluid Flow and Solid Handling
- Fluid Machinery
- Heat Transfer Operations
- Heat and Mass Transfer

ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

- Coordinator in Centralised Time-Table committee
- Departmental Time-Table Coordinator
- Member of NAAC Criterion-IV at departmental level
- Member of Transport committee in Convocation
- Lab in charge of Fluid Mechanics lab

STUDENTS SUPERVISION

- M.Tech: 02
- B.Tech: 05 groups

PAPER PUBLISHED IN INTERNATIONAL CONFERENCES

- Mohmad, F., Singh, R.M. and Mehta, R.C. (2009). Design of Composite Irrigation Channels Using Optimization and Pattern Matching by Artificial Neural Network. Proceedings of the International Conference on Food Security and Environmental Sustainability (FSES-2009), IIT Kharagpur, December 17-19, 2009. (In Bullets)
- Saif Masood, Syed Fahad Anwer, Faiz Mohd, Mohd Naved “Controlling Flows Around A NACA0012 Using Piecewise Surface Morphing” Proceedings of Fluid Mechanics and Fluid Power (FMFP) 2023, Vol. 2

PUBLISHED NON-SCI-SCOPUS BUT PEER REVIEWED RESEARCH PAPERS

- “Design of Composite Irrigation Trapezoidal Channel Using Optimization and Pattern Matching by Artificial Neural Network” International Journal of Civil Engineering and Technology (IJCIET), Volume 4, Issue 4, July-August, pp170-178.
- Fuzzy Rules Incorporated Skyhook Theory Based Vehicular Suspension Design for Improving Ride Comfort” Int. Journal of Engineering Research and Applications. Vol. 5, Issue 5, (Part - 2) May 2015, pp.30-36